

FIG. 1

0991258-11501

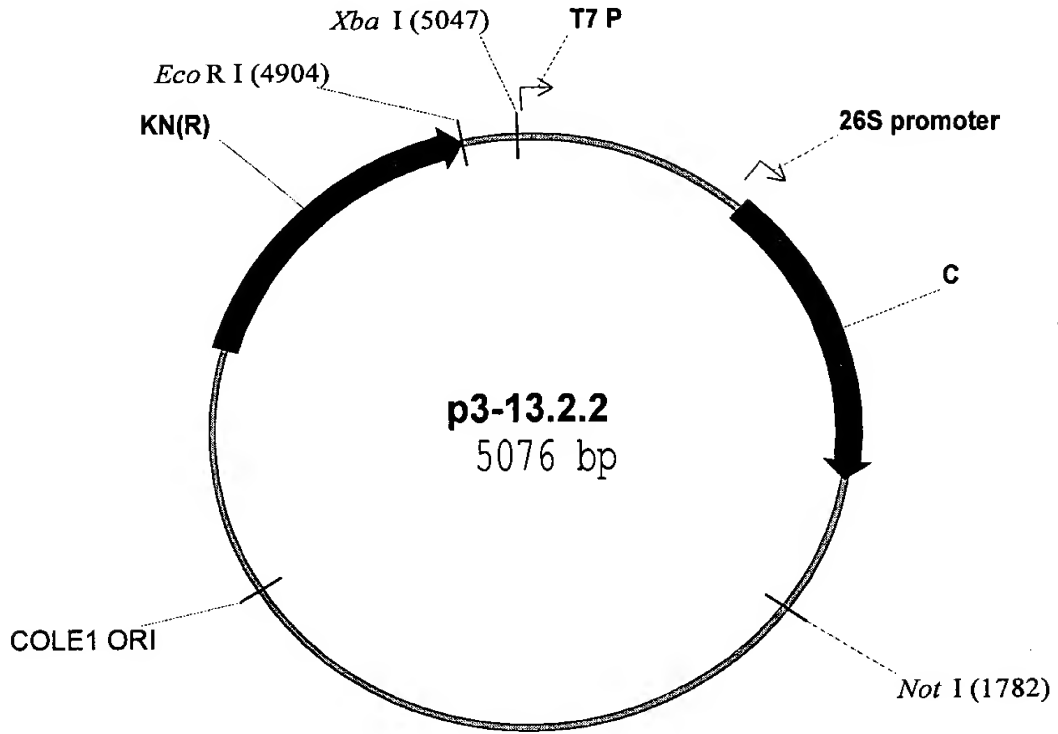


FIG. 2

0991258-11601
 109TT-85215660

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Inventor: Olmsted et al.
 Title: "ALPHAVIRUS VECTORS AND VIROSOMES WITH
 MODIFIED HIV GENES FOR USE AS VACCINES"
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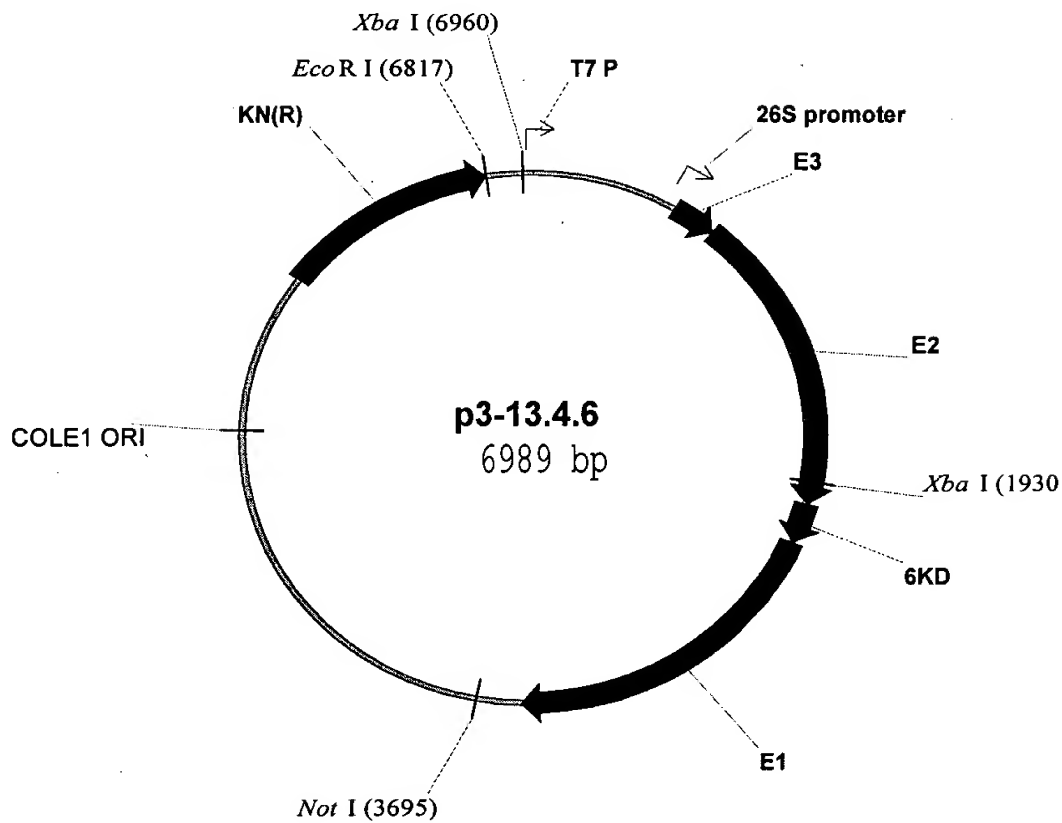


FIG. 3

09991258 11601
 "852T6660"

APPROVED	C. FIG.	
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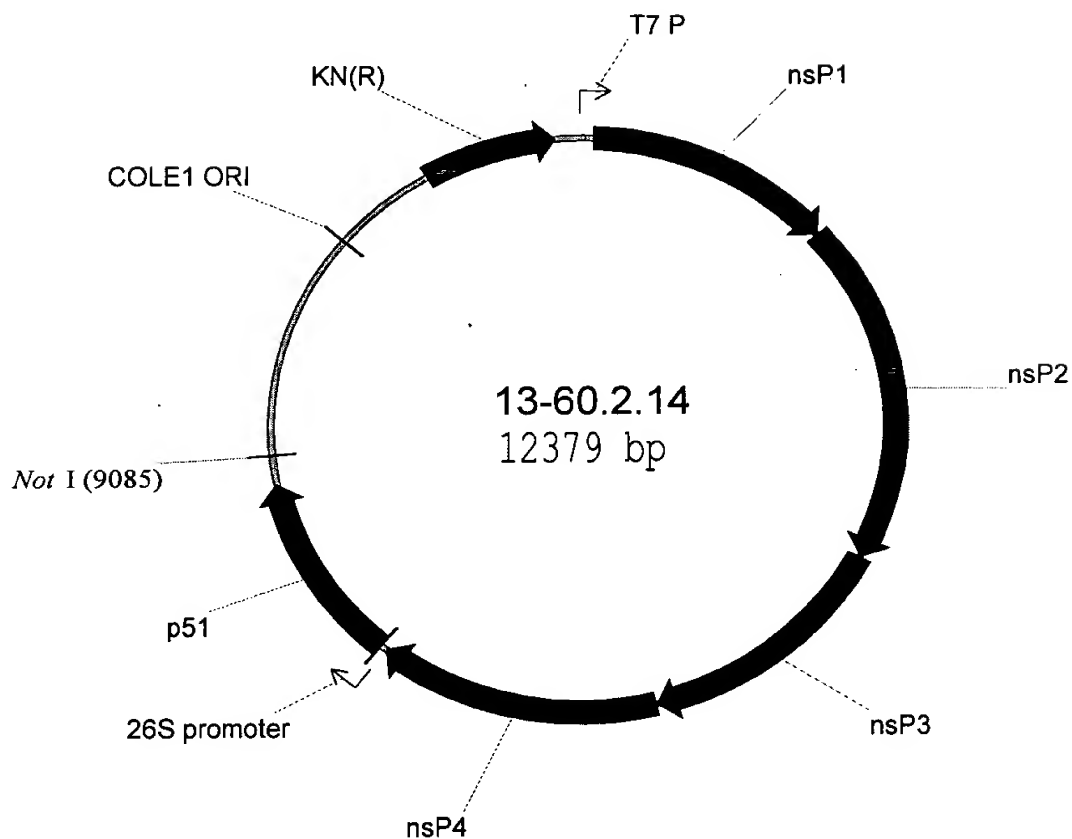


FIG. 4

0991258-1.1601
 T09T15660

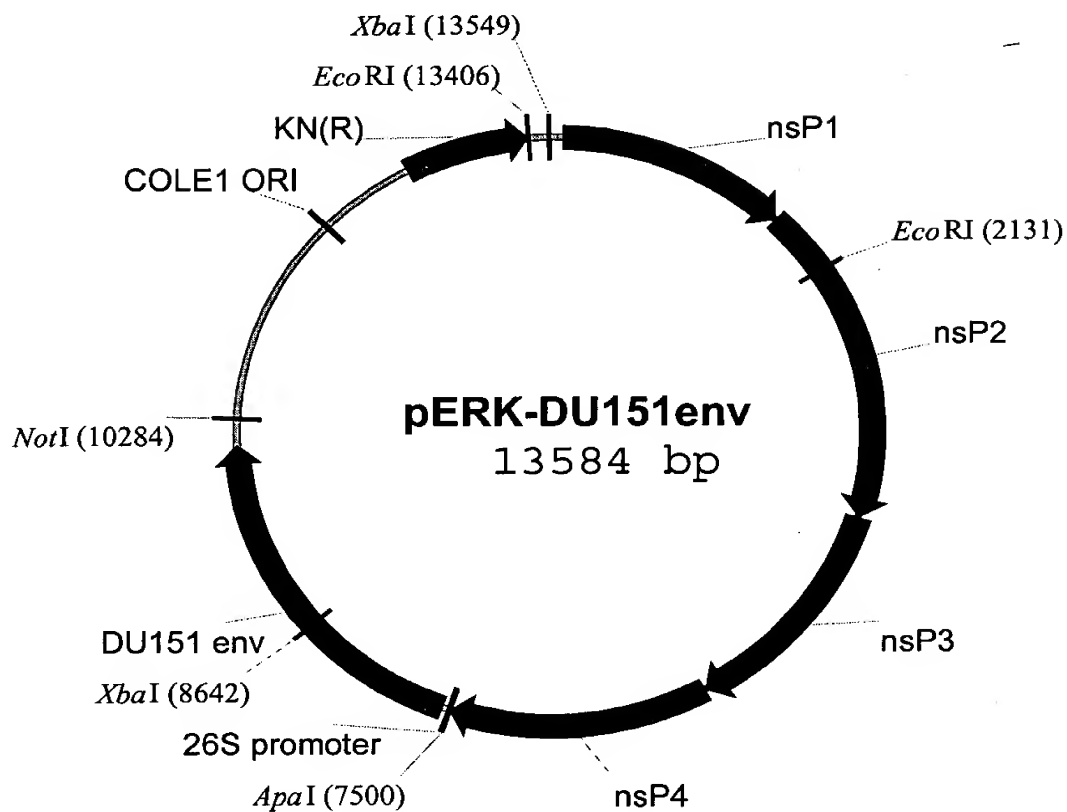


FIG. 5

1091113.0001U3

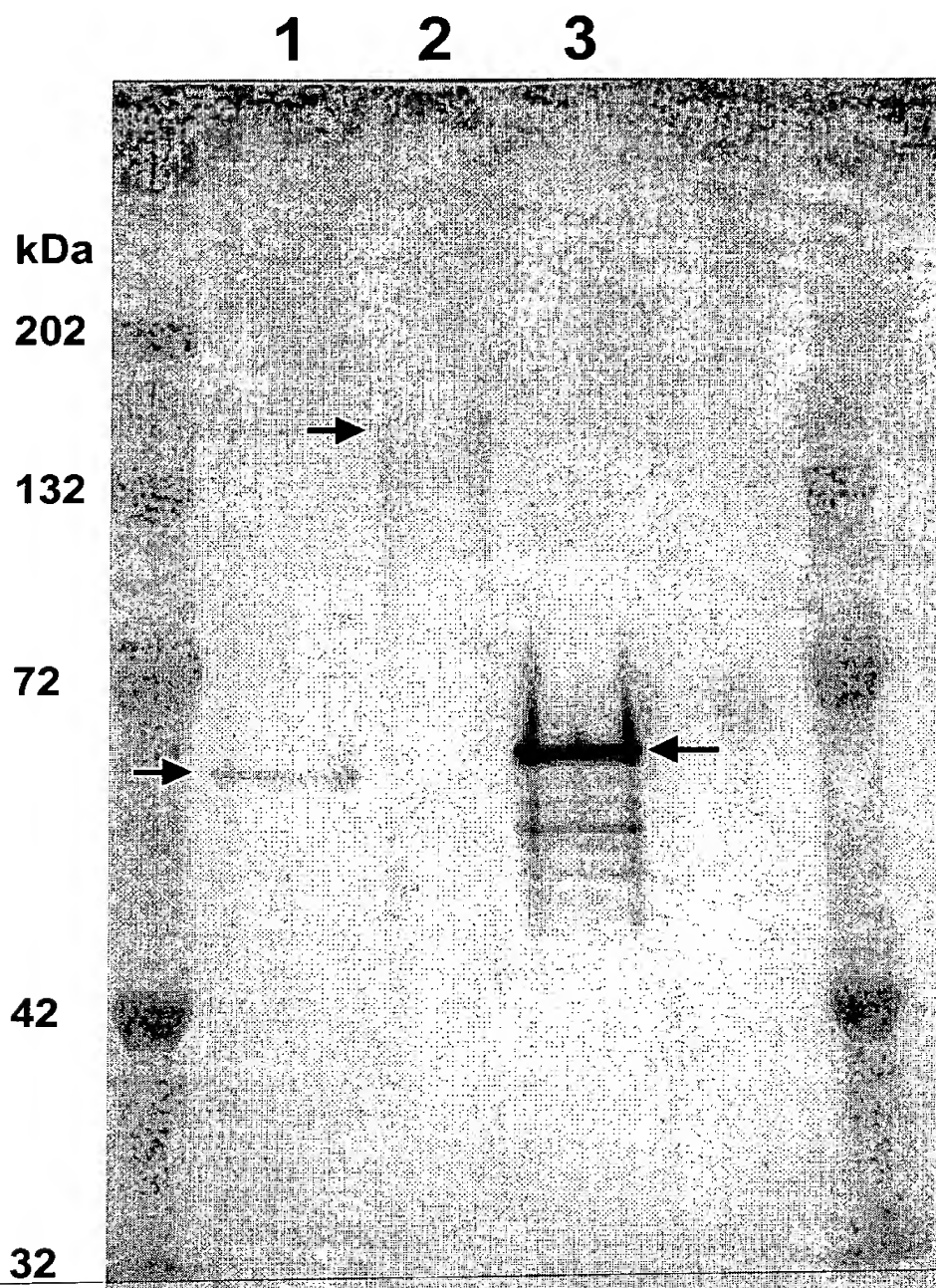


FIG. 6

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FOSTT "B52T6660

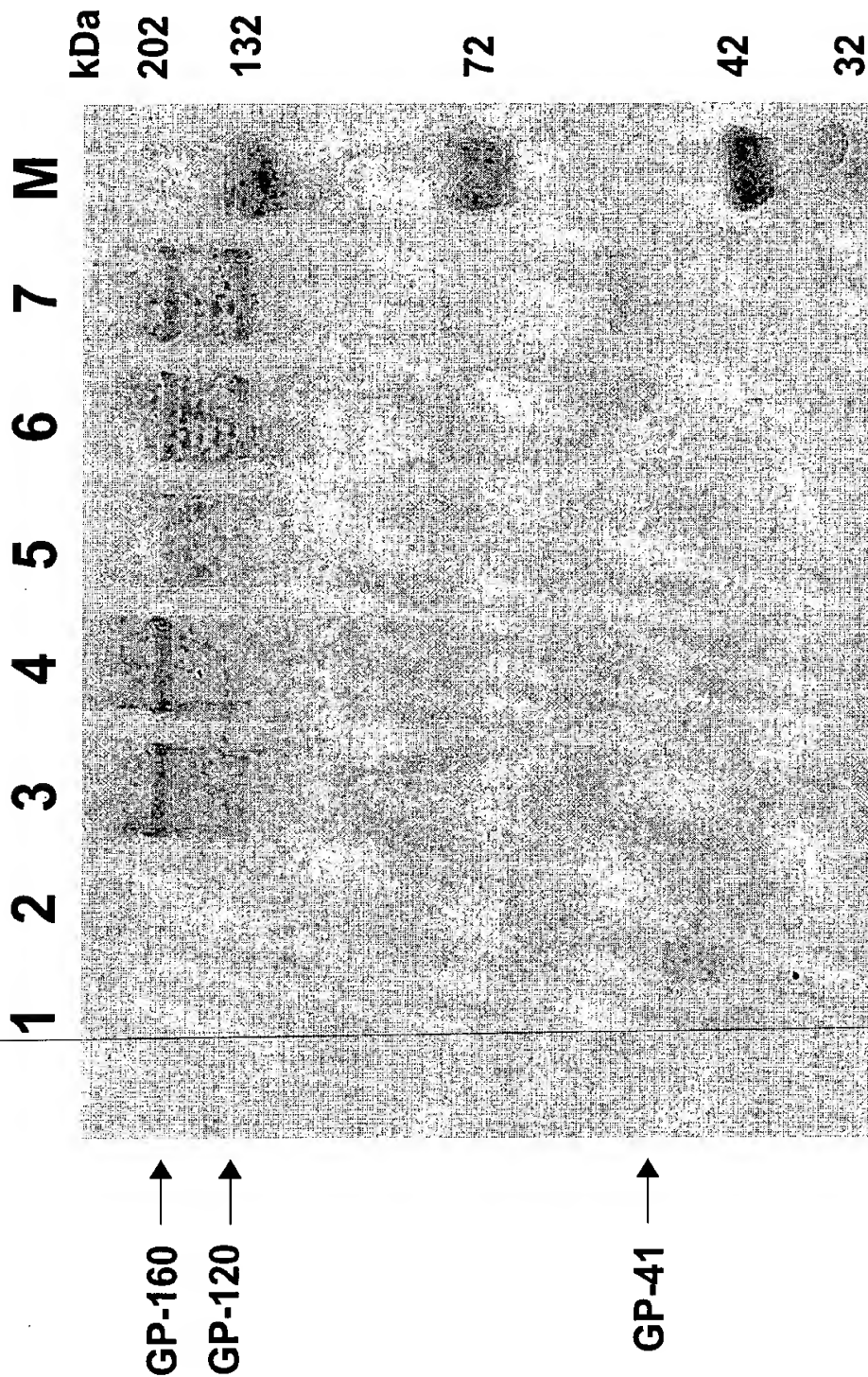


FIG. 7

FOSTT" 85216660

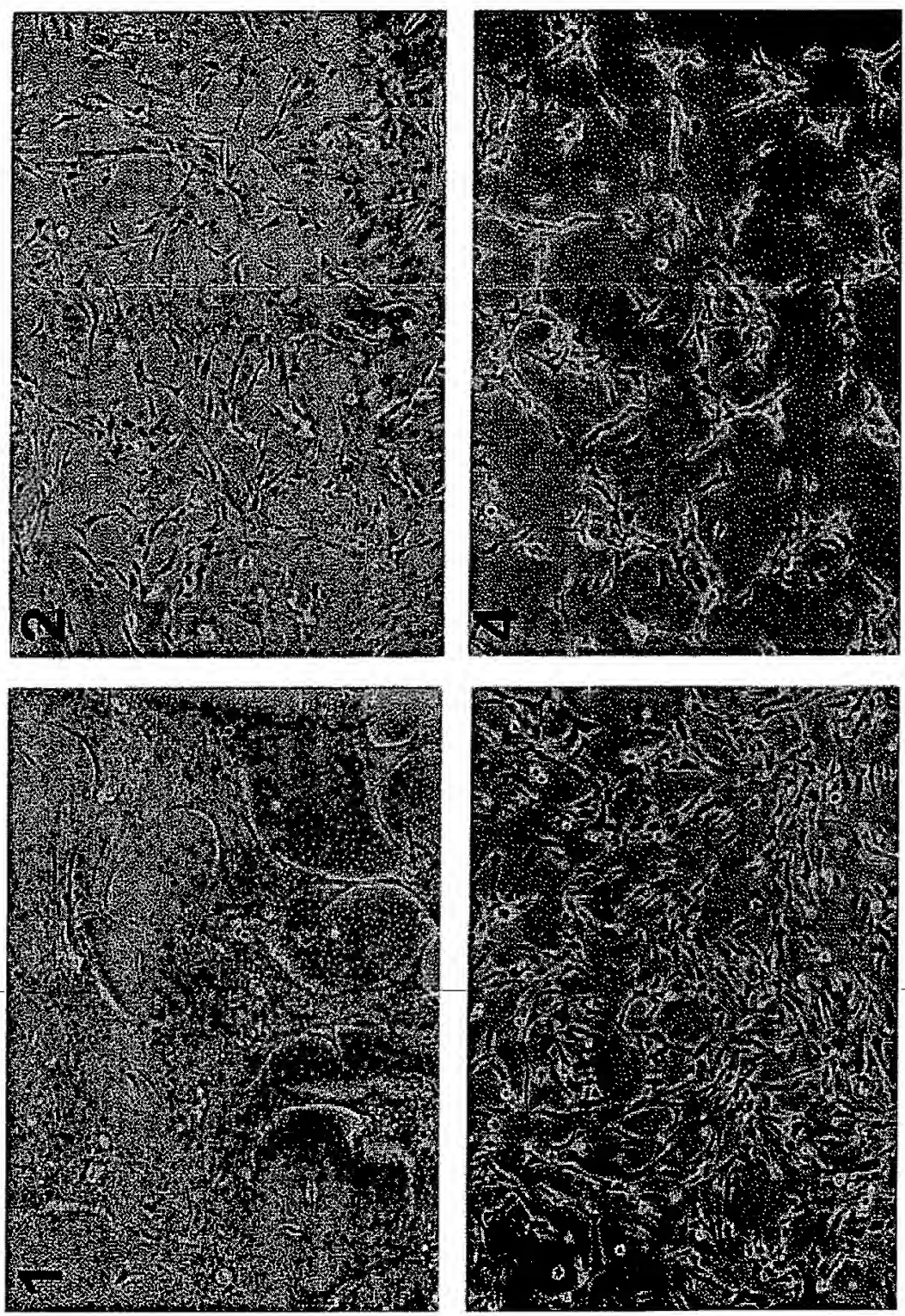


FIG. 8

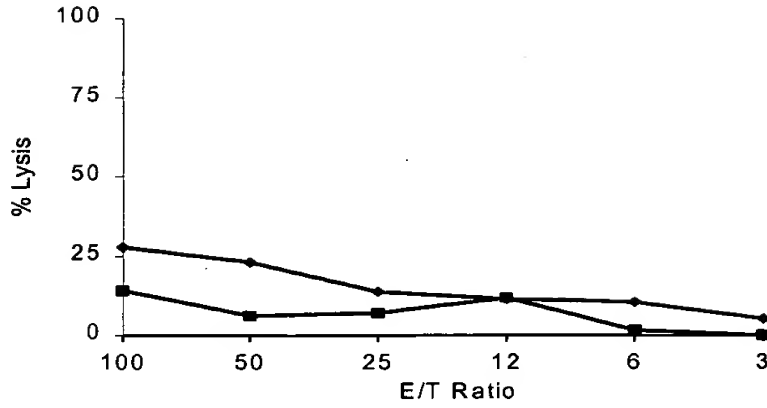


FIG. 9A

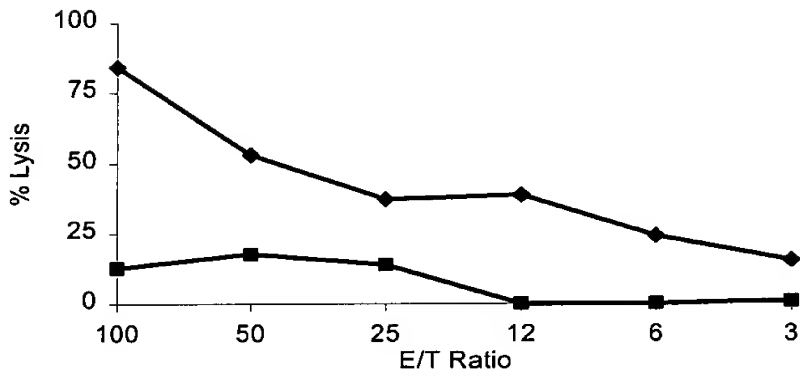


FIG. 9B

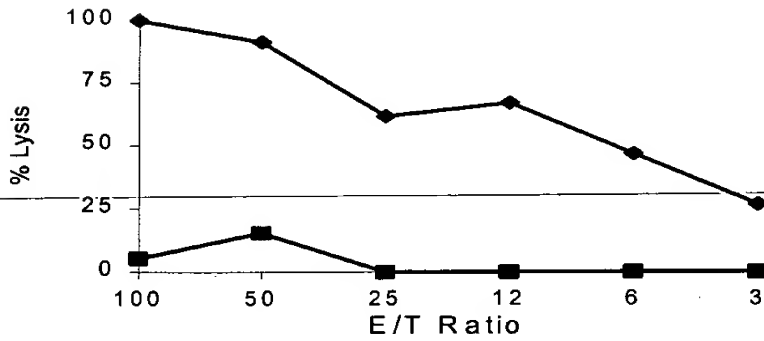
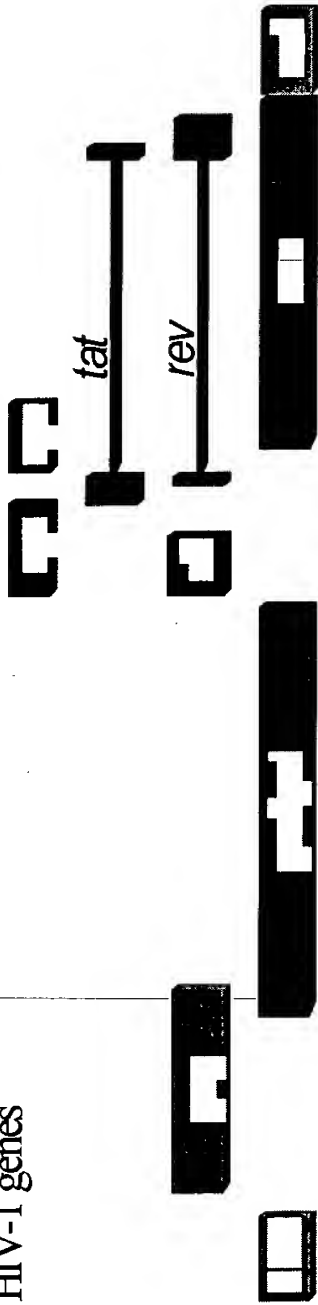


FIG. 9C

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09991253 09991253

HIV-1 genes



Regions sequenced for selection



FIG. 10

Phylogenetic tree of HIV-1 Gag sequences. The tree is rooted in the center and branches outwards. Sequences are labeled with names like DU174 gag, DU204 gag, CTSC1 gag, Agagcon, Ddagcon, Bgagcon, DU172 gag, RB21gag, DU258 gag, DU179 gag, GG10gag, DU123 gag, RB12gag, DU156gag, GG5gag, RB13gag, DU467 gag, GG3gag, RB14gag, RB18gag, CTSC2 gag, GG6gag, DU368 gag, DU115 gag, RB22gag, RB457 gag, DU281 gag, DU15gag, RB28gag, RB27gag, GG1gag, GG4gag, DU422 gag, ES2gag, SAGagcon, RB15gag, RB28gag, RB27gag, GG1gag, GG4gag. A legend on the right indicates: star symbol for consensus, arrow symbol for vaccine candidate, and arrow symbol for gag clone.

FIG. 11

FIG. 12

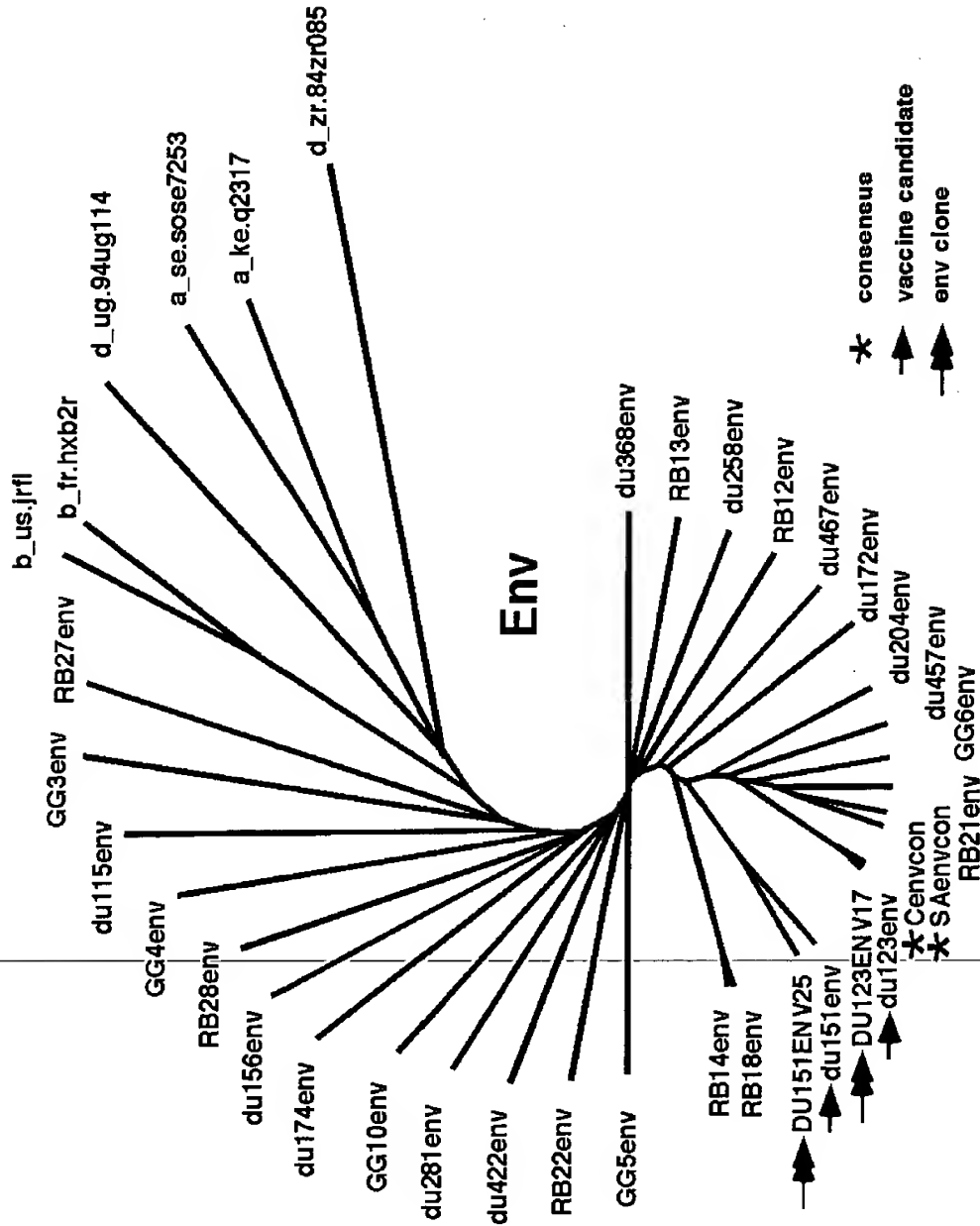


FIG. 12

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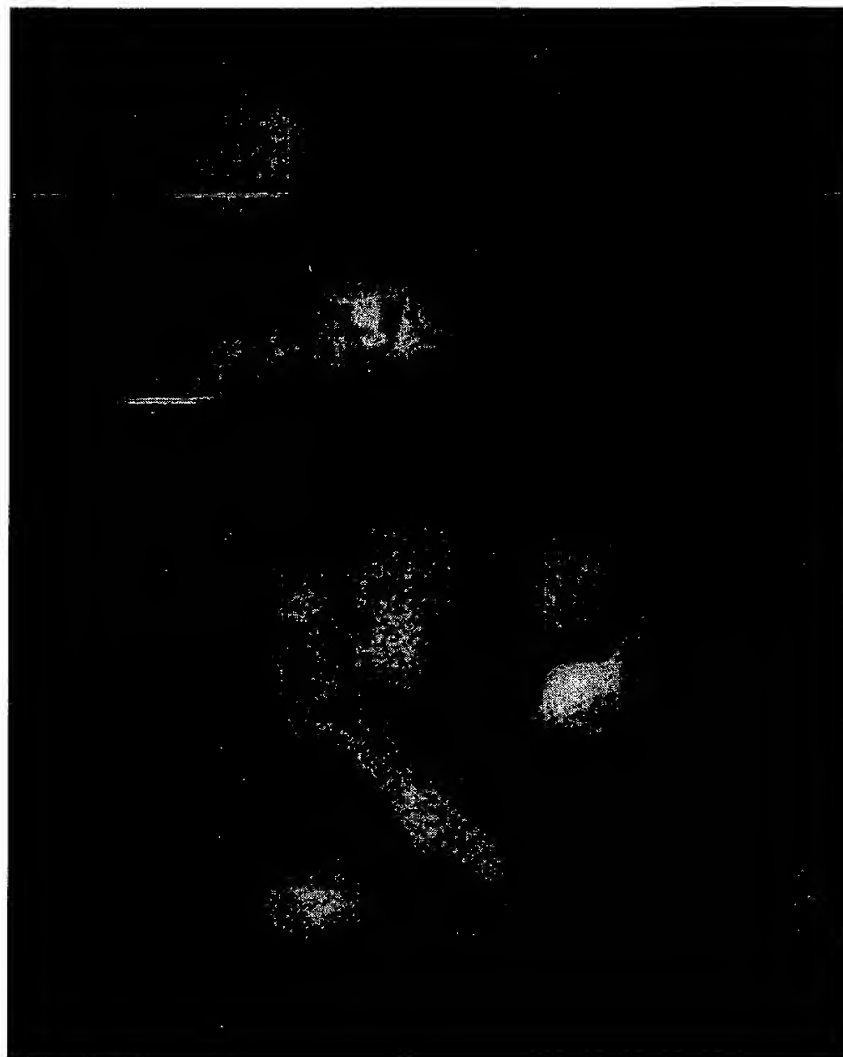


FIG. 14

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0991258.1.1601

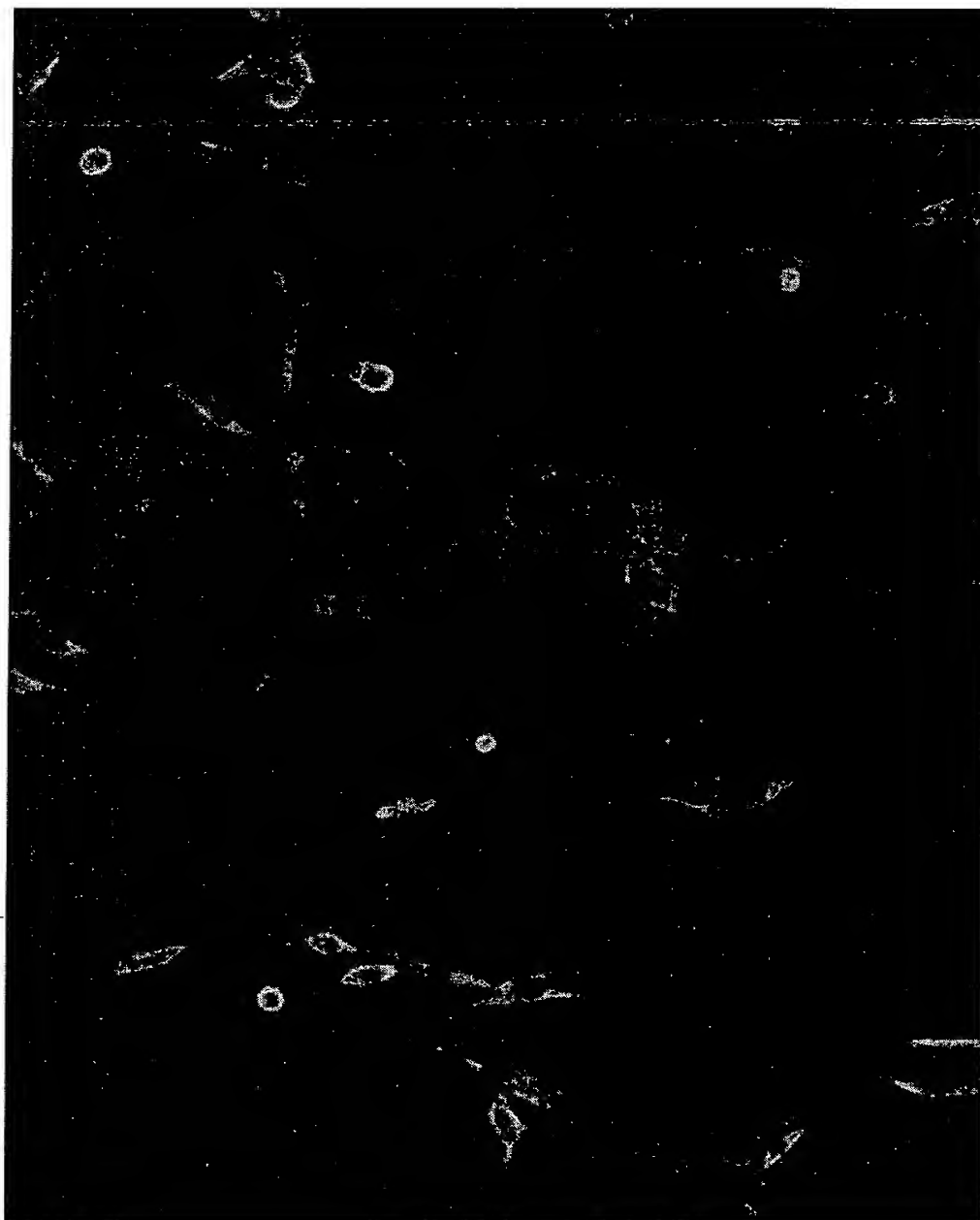


FIG. 15